

Title (en)
ROTARY RING CUTTER

Title (de)
Rotierendes ringförmiges Schneidewerkzeug

Title (fr)
FRAISE ANNULAIRE ROTATIVE

Publication
EP 0580597 B1 19970521 (EN)

Application
EP 92905524 A 19911021

Priority
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• US 75034691 A 19910827

Abstract (en)
[origin: WO9218281A1] Disclosed herein is a rotary cutter for cutting gears, couplings and the like. The rotary cutter comprises a cutter head (12) having an axis of rotation (12), a centering disc (24) located adjacent to a side (6) of the cutter head (12) and concentric with the axis (12) and a cutter ring (40), centered by the centering disc (24), on the cutter head (2). The centering disc (24) has a tapered outer edge surface (28) that abuts against and is complementary with the tapered surface (50) of the bore of the cutter ring (40). The cutter ring (40) is centered once the surfaces are complementary. Once centered, the cutter ring (40) is secured to the cutter head (2). The rotary cutter of the present invention enables the cutter ring (40) to rotate true about the axis (12) of a machine tool.

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